

120 and through an Internet connection 122 to an Internet service provider 124. To provide a measure of security to the data, a fire wall 126 is installed in connection with the Internet communication to server 118. A leased line 128 is used to connect the Internet service provider 124 to the remote location 114. A fire wall 130 provides protection of the data stored at remote location 114.


In the Claims

Please amend claims 1, 10 and 19 to read as follows:


1. (AMEND) A system for the control from a remote location of at least one discrete measurable operational parameter of a manufacturing process for manufacturing composite articles at two or more manufacturing locations comprising:

- a. at least one sensor measuring said operational parameter of the manufacturing process for a composite comprising a resin and a reinforcement;
 - b. a signal generator connected to each of said at least one sensor for producing a digital signal;
 - c. a transmitter for transmitting said digital signal to said remote location;
 - d. a process controller provided at said remote location for processing said transmitted digital signal;
 - e. process control software associated with said process controller wherein said process control software self-adjusts said operational parameter for said at least one sensor; and
 - f. a transmitter for sending operational instructions from said remote location to said manufacturing locations wherein the remote site has the ability to change programming of the process controller on a real time basis.
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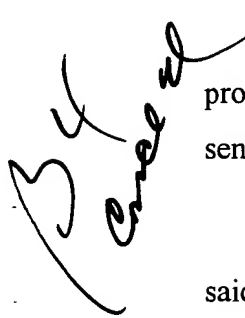
10. (AMEND) A system for the control from a remote location of at least one discrete measurable operational parameter of a manufacturing process for manufacturing a fiber reinforced thermoset product at two or more manufacturing locations comprising:

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- a. at least one sensor measuring said operational parameter of the manufacturing process for a composite comprising a thermoset resin and a reinforcement;
 - b. a signal generator connected to each of said at least one sensor for producing a digital signal;
 - c. a transmitter for transmitting said digital signal to said remote location;
 - d. a process controller provided at said remote location for processing said transmitted digit signal;
 - e. process control software associated with said process controller wherein said process control software self-adjusts said operational parameter for said at least one sensor; and
 - f. a transmitter for sending operational instructions from said remote location to said manufacturing locations wherein the remote site has the ability to change programming of the process controller on a real time basis.
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19. (AMEND) A system for the control from a remote location of at least one discrete measurable operational parameter of a manufacturing process for reheating thermoplastic at two or more manufacturing locations comprising:

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- a. at least one sensor measuring said operational parameter of the manufacturing process for a composite comprising a thermoplastic resin and a reinforcement;
 - b. a signal generator connected to each of said at least one sensor for producing a digital signal;
 - c. a transmitter for transmitting said digital signal to said remote location;


d. a process controller provided at said remote location for processing said transmitted digital signal;

 e. process control software associated with said process controller wherein said process control software self-adjusts said operational parameter for said at least one sensor; and

f. a transmitter for sending operational instructions from said remote location to said manufacturing locations wherein the remote site has the ability to change programming of the process controller on a real time basis.

Please add the following new claims.

28. (NEW) A system for the control from a remote location of at least one discrete measurable operational parameter of a manufacturing process for manufacturing composite articles at two or more manufacturing locations according to claim 1 wherein the two or more manufacturing locations are at the same site.

 29. (NEW) A system for the control from a remote location of at least one discrete measurable operational parameter of a manufacturing process for manufacturing composite articles at two or more manufacturing locations according to claim 1 wherein the two or more manufacturing locations are at geographically separate sites.

30. (NEW) A system for the control from a remote location of at least one discrete measurable operational parameter of a manufacturing process for manufacturing a fiber reinforced thermoset product at two or more manufacturing locations according to claim 10 wherein the two or more manufacturing locations are at the same site.

31. (NEW) A system for the control from a remote location of at least one discrete measurable operational parameter of a manufacturing process for manufacturing a fiber reinforced thermoset product at two or more manufacturing locations according to claim 10 wherein the two or more manufacturing locations are at geographically separate sites.

32. (NEW) A system for the control from a remote location of at least one discrete measurable operational parameter of a manufacturing process for reheating thermoplastic at two or more manufacturing locations according to claim 19 wherein the two or more manufacturing locations are at the same site.

33. (NEW) A system for the control from a remote location of at least one discrete measurable operational parameter of a manufacturing process for reheating thermoplastic at two or more manufacturing locations according to claim 19 wherein the two or more manufacturing locations are at geographically separate sites.
